

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An information-processing apparatus configured to delete information stored, in accordance with a request made by a user for canceling a service, the information-processing apparatus comprising:

receiving means for receiving service ID data designating a specific service to be provided, together with user ID data, from an external apparatus, and for receiving the user ID data and apparatus ID data from the external apparatus;

storage means for storing the user ID data and the service ID data, in association with the apparatus ID data, which identifies the external apparatus and which has been registered;

deleting means for deleting the apparatus ID data after deleting the service ID data, when the receiving means receives request data requesting for a deletion of the apparatus ID data, the request data including the user ID data and the apparatus ID data, and for producing a result of an authentication based on the user ID data and the apparatus ID data; and

transmitting means for transmitting a ticket to the external apparatus based on the result of the authentication, and for transmitting, to the external apparatus, deletion-complete information indicating that the deleting means has finished deleting the apparatus ID data, the ticket including time data representing a time of the authentication.

2. (Original) The information-processing apparatus according to claim 1, wherein the external apparatus identified by the apparatus ID data stored in the storage means, in association with the service ID data, is requested to provide the service.

3. (Currently Amended) An information-processing system configured to delete information stored, in accordance with a request made by a user for canceling a service, the information-processing system comprising:

an information-processing apparatus having,

receiving means for receiving service ID data designating a specific service to be provided, together with user ID data identifying the user and apparatus ID data identifying an external apparatus,

storage means for storing the user ID data, the apparatus ID data and the service ID data, in association with one another,

authentication means for performing an authenticating process in accordance with the user ID data and the apparatus ID data to produce an authentication result,

deleting means for deleting the apparatus ID data after deleting the service ID data, when the receiving means receives request data requesting for a deletion of the apparatus ID data, the request data including the user ID data and the apparatus ID data, and

transmitting means for transmitting a ticket to the external apparatus, based on the authentication result, and for transmitting deletion-complete information indicating that the deleting means has finished deleting the apparatus ID data, the ticket including time data representing a time of the authenticating process, and

[[the]] another external apparatus having,

data-transmitting means for transmitting the user ID data, the apparatus ID data and the service ID data to the information-processing apparatus,

ID data storage means for storing the apparatus ID data,

ID data deleting means for deleting the apparatus ID data stored in the ID data storage means,

deletion-request transmitting means for transmitting the request data requesting for the deletion, and
completion-information receiving means for receiving the deletion-complete information.

4. (Currently Amended) The information-processing system according to claim 3, wherein,

the information-processing apparatus has authenticating means ~~for performing an authenticating process in accordance with at least the user ID data and the apparatus ID data~~ and for issuing an authentication session ID that identifies a session with the external apparatus;

the transmitting means transmits the authentication session ID to the external apparatus;

the external apparatus transmits the service ID data, together with the authentication session ID received from the information-processing apparatus;

the information-processing apparatus verifies the authentication session ID received, and issues an authentication ticket corresponding to the service ID data received;

the transmitting means transmits the authentication ticket to the external apparatus;
and

the data-transmitting means of the external apparatus transmits a service-requesting signal to a server which provides the service, together with the authentication ticket received, the service-requesting signal requesting that the server should provide the service.

5. (Currently Amended) A communication method for use in an information-processing apparatus configured to delete information stored, in accordance with a request made by a user for canceling a service, the communication method comprising:

receiving, from an external apparatus, service ID data designating a specific service to be provided, together with user ID data and apparatus ID data identifying the external apparatus;

storing the user ID data, the apparatus ID data and the service ID data, in association with one another;

authenticating the user ID data and the apparatus ID data to produce an authentication result;

transmitting a ticket to the external apparatus, based on the authentication result, the ticket including time data representing a time of the authenticating;

deleting, with a processor, the apparatus ID data after deleting the service ID data, when request data requesting for a deletion of the apparatus ID data is received, the request data including the user ID data and the apparatus ID data; and

transmitting, to the external apparatus, deletion-complete information indicating that the apparatus ID data has been deleted.

6. (Currently Amended) A computer-readable medium including a communication program for use in an information-processing apparatus configured to delete information stored, in accordance with a request made by a user for canceling a service, wherein the communication program, when executed by a computer, causes the computer to perform a method comprising:

receiving, from an external apparatus, service ID data designating a specific service to be provided, together with user ID data and apparatus ID data identifying the external apparatus;

storing the user ID data, the apparatus ID data and the service ID data, in association with one another;

authenticating the user ID data and the apparatus ID data to produce an authentication result;

transmitting a ticket to the external apparatus, based on the authentication result, the ticket including time data representing a time of the authenticating;

deleting the apparatus ID data after deleting the service ID data, when request data requesting for a deletion of the apparatus ID data is received, the request data including the user ID data and the apparatus ID data; and

transmitting, to the external apparatus, deletion-complete information indicating that the apparatus ID data has been deleted.

7. (Currently Amended) An information-processing apparatus, comprising:

an interface configured to receive service ID data designating a specific service to be provided, together with user ID data, from an external apparatus, and to receive the user ID data and apparatus ID data;

a memory configured to store the user ID data and the service ID data, in association with the apparatus ID data, which [[that]] identifies the external apparatus and which has been registered;

a processor configured to produce a result of an authentication based on the user ID data and the apparatus ID data, and to delete the apparatus ID data after deleting the service

ID data, when the interface receives request data requesting for a deletion of the apparatus ID data, the request data including the user ID data and the apparatus ID data, wherein

the interface is configured to transmit a ticket to the external apparatus, based on the result of the authentication, the ticket including time data representing a time of the authentication, and to transmit, to the external apparatus, deletion-complete information indicating that the processor has finished deleting the apparatus ID data.

8. (Previously Presented) The information-processing apparatus according to claim 1, wherein the transmitting means transmits a request corresponding to the service ID data to a different external apparatus after the service ID data is deleted and before the apparatus ID data is deleted.

9. (Currently Amended) The information-processing apparatus according to claim 1, wherein ~~the deleting means issues an authentication session ID based on the user ID data, the authentication session ID being associated with a predetermined term, the transmitting means transmits the authentication session ID to the external apparatus, the deleting means compares the authentication session ID~~ ticket with an ~~authentication session ID~~ a ticket received by the receiving means, and the deleting means generates authentication-error information when the ~~authentication session ID~~ ticket received by the receiving means is not received within ~~[[the]]~~ a predetermined term from the time of the authentication.

10-14. (Canceled)

15. (New) The information-processing apparatus according to claim 1, wherein the transmitting means transmits the ticket to the external apparatus in response to a reception of the user ID data, the apparatus ID data and the service ID data by the receiving means.

16. (New) The information processing apparatus according to claim 1, wherein the deleting means confirms, based on the time data, an authenticity of the ticket, upon a reception of the ticket by the receiving means.